

REMARKS/ARGUMENTS

Claims 1-12 are pending in the application; reexamination and reconsideration are hereby requested.

1. The Abstract of the Disclosure was objected to as less than 50 words.

The abstract has been amended.

2. Claims 1-12 were rejected as directed to non-statutory subject matter.

Independent claim 1 has been amended to limit application to MIMO wireless communications.

3. Claims 1-12 were rejected under section 112, first paragraph as not supported by an asserted utility.

Independent claim 1 has been amended to limit application to MIMO wireless communications.

4. Claims 1-12 were rejected under section 112, second paragraph as indefinite due to claim 1 inconsistency.

Independent claim 1 has been amended.

5. Claim 1 was rejected as anticipated by Beery. The Examiner pointed to the partitioning of the hexacode into subsets of 3 symbols.

Applicant replies that claim 1 has been amended to point out that the P symbols come from P antennas and thus not suggested by the sequence of P received signals of Beery.

6. Claims 1 and 11 were rejected as anticipated by Miyata. The Examiner pointed to Fig.9 and column 19.

Applicant replies that independent claim 1 has been amended to point out that the P symbols come from P antennas and thus not suggested by the sequence of P received signals of Miyata.

7. Claim 10 was rejected as unpatentable over Beery in view of Berrou.

Applicant relies upon the patentability of parent claim 1.

Respectfully submitted,

/Carlton H. Hoel/

Carlton H. Hoel
Reg. No. 29,934
Texas Instruments Incorporated
PO Box 655474, M/S 3999
Dallas, Texas 75265
972.917.4365